

Application Serial No. 10/712,401

Currently Pending Claims

1. (Previously Presented) A golf club head, comprising:
a body combination having a body frame structure defining an outer surface of the golf club head and encompassing a filler matrix;
said filler matrix wherein outer surface of said filler matrix is at least partially in contact with an inner surface of said body frame structure and inner surface of said filler matrix defines a cavity;
a faceplate; and wherein
said body frame structure having a faceplate aperture further comprising a perimeter substantially coincident with said faceplate, said faceplate aperture further comprising a faceplate receiving ridge upon which said faceplate is retained on said body frame structure.
2. (Original) A golf club head in accordance with claim 1, further comprising a fastening mechanism for fastening said faceplate to one of said frame structure and said filler matrix.
3. (Original) A golf club head in accordance with claim 2, further comprising a coolant system and wherein said fastening mechanism comprises a weld.
4. (Original) A golf club head in accordance with claim 2, wherein said fastening mechanism comprises removable and re-attachable fasteners.
5. (Original) A golf club head in accordance with claim 1, further comprising a tuning weight attached to an interior surface of said body combination.
6. (Original) A golf club head in accordance with claim 5, wherein said tuning weight provides for an adjustable center of gravity.
7. (Original) A golf club head in accordance with claim 5, wherein said tuning weight provides for an adjustable moment of inertia.

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8. (Previously Presented) A golf club head, comprising:
a body combination having a body frame structure defining an outer surface of the golf club head and at least one aperture and a filler matrix which fills an area defined by said aperture and inner surface of said filler matrix defines a cavity;
a faceplate; and wherein
said body frame structure further comprises a faceplate aperture having a perimeter substantially contiguous with said faceplate and a faceplate receiving ridge upon which said faceplate is retained on said body frame structure.
9. (Original) A golf club head in accordance with claim 8, further comprising a fastening mechanism for fastening said faceplate to said body frame structure.
10. (Original) A golf club head in accordance with claim 9, wherein said fastening mechanism comprises removable and re-attachable fasteners.
11. (Original) A golf club head in accordance with claim 9, further comprising a coolant system and wherein said fastening mechanism comprises a weld.
12. (Original) A golf club head in accordance with claim 8, further comprising a tuning weight attached to an interior surface of said body combination.
- 13-16. (Canceled)
17. (Previously Presented) A golf club head assembly, comprising:
a faceplate;
a body combination having
a body frame structure defining an outer surface of the golf club head,
and
at least one aperture with a filler matrix which fills an area defined by said aperture;
said filler matrix wherein inner surface of said filler matrix defines a cavity;

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said body frame structure further comprising a faceplate aperture having a perimeter substantially contiguous with said faceplate and configured to receive said faceplate; and

a cooling system proximate to an area where said faceplate and said body frame structure meet to reduce the amount of heat transferred to said filler matrix during a welding operation to attach said faceplate to body frame structure.

18. (Original) A golf club head in accordance with claim 17, wherein said cooling system is a heat sink.

19. (Original) A golf club head in accordance with claim 17, wherein said cooling system is a liquid bath.

20. (Original) A golf club head in accordance with claim 17, further comprising a tuning weight attached to an interior surface of said body combination.